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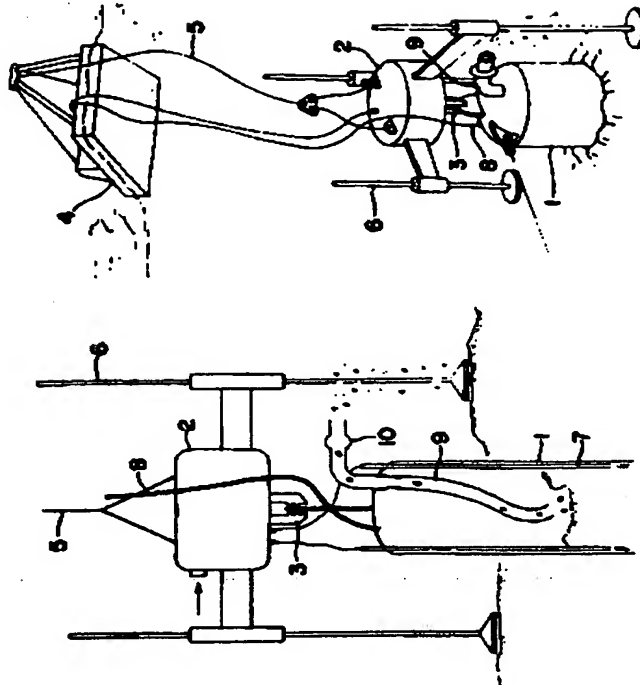
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APPLICANT : PENTA OCEAN CONSTR CO LTD;

INVENTOR : TANAKA KOJI;

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TITLE : SUCTION ANCHOR



ABSTRACT : **PURPOSE:** To prevent tumbling of a suction anchor when the anchor is extensibly inserted into the seabottom, by supporting the suction anchor, in which a pressurizing air hose, jet water nozzle, and a pipe performing suction and discharge of air and water in a cylindrical part are mounted to the cylindrical part opened with the bottom end, through a guide part.

CONSTITUTION: A suction anchor is connected through a rope 5 from a mother ship 4. The suction anchor is constituted by an anchor main unit, in which a pressurized air supply hose 8, jet water supply nozzle 7, and a pipe 9 performing suction and discharge of water and air in a cylinder 1 are mounted to the cylindrical part 1 opened with the bottom part, and a guide part provided with supporting legs through a power unit 2 arranged in the upper part of the suction anchor. The suction anchor is extensibly inserted into a surface of the seabottom by utilizing water discharge through supply of pressurized air into the cylinder and negative pressure through evacuation of internal air, here the suction anchor is guided in the vertical direction by supporting legs 6 and never tumbled.

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